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ILLINOIS DEPARTMENT OF CONSERVATION
DIVISION OF FISHERIES
MAY, 1986

1985
INVENTORY OF ILLINOIS
SURFACE WATER RESOURCES

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1985 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 survey was updated and published in 1972, 1978 and 1982.

This 1985 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1985. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Soil Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan:

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs:

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments:

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps reservoirs. Impoundments are further divided into categories according to ownership as follows:

1. State: This category includes all impoundments owned or leased by the Illinois Department of Conservation.

2. Public: This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Conservation, that have public access.
3. Organization: This category includes all impoundments owned or leased by any organization of six or more members. Included are sportsmen clubs, scouts, church, civic, fraternal, associations, homeowner groups, country clubs, industrial, institutions, etc.
4. Commercial: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Conservation.
5. Private: This category includes all impoundments privately owned or leased which are not organizations or commercial areas.

Streams: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.



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TABLE 1. ILLINOIS SURFACE WATER RESOURCES (1985)*

STATEWIDE SUMMARY

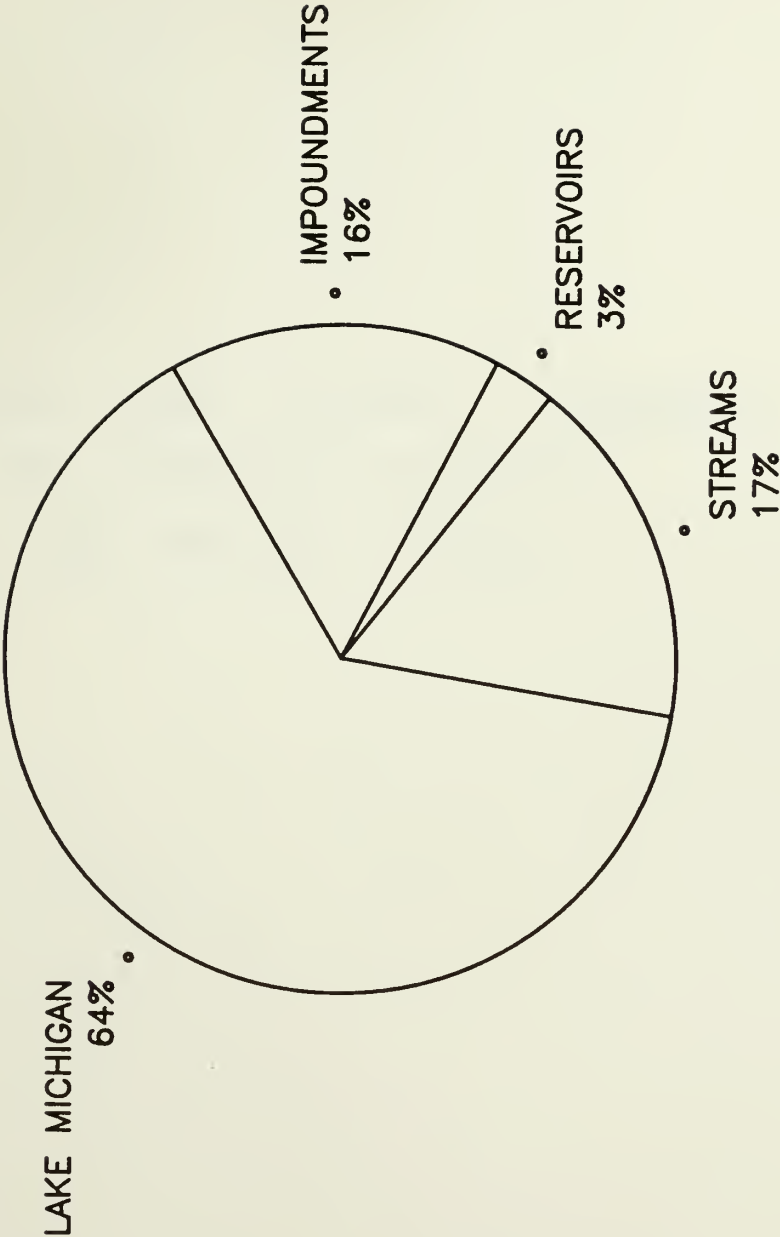
Water Resource Type	Category	Number	Acres	Total Acres
Lake Michigan (Ill. portion only)		1	976,640.0	976,640.0
Reservoirs		3	54,580.0	54,580.0
Impoundments:				
	State	230	33,334.5	
	Public	658	77,673.7	
	Organization	1,988	24,858.3	
	Commercial	507	3,045.2	
	Private	81,660	110,832.5	
	Total	85,043	249,744.2	249,744.2

Streams				Miles	
0	-	20	ft.	wide	4,915.4
21	-	100	ft.	wide	5,916.5
101	-	300	ft.	wide	992.4
301	plus	plus	ft.	wide	1,379.7
					7,159.0
					29,884.0
					17,753.0
					201,778.0
					256,574.0
					13,204.0
					256,574.0

	GRAND TOTAL	SURFACE WATER	AVERAGE
1,537,538.2	-- --	-- --	-- --

* As of December 31, 1985

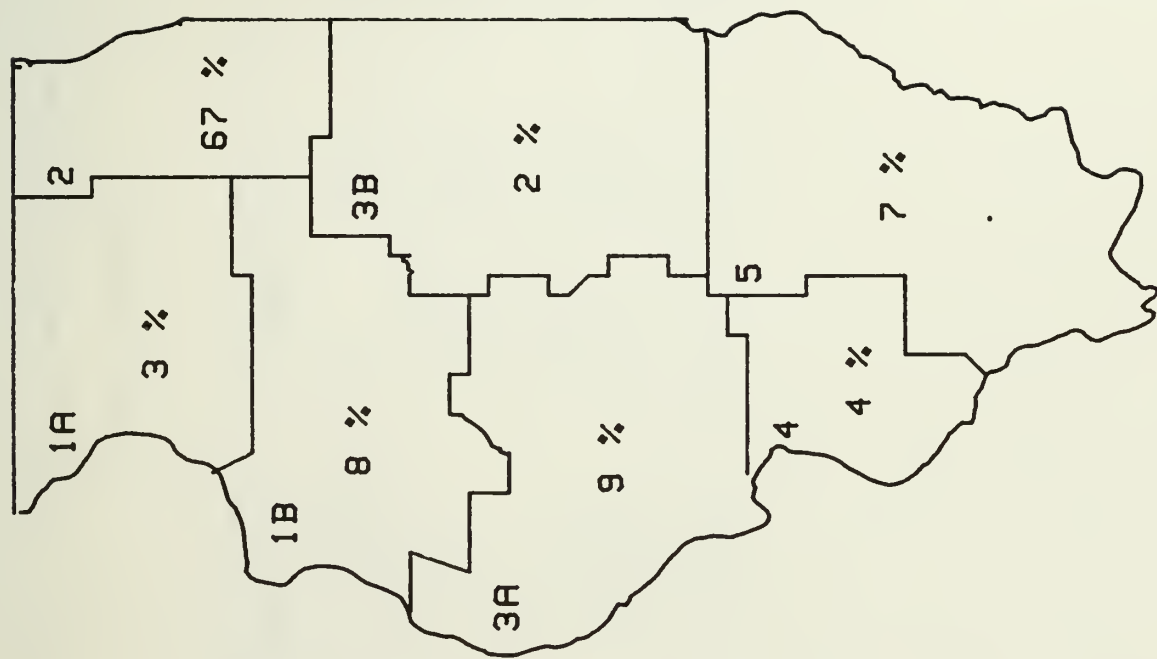
FIG.1. SURFACE WATER ACREAGE
BY WATER TYPE



TOTAL=1,537,538.2 ACRES

REGIONAL AND COUNTY SUMMARY
OF SURFACE WATERS
BY WATER TYPES

FIG.2 SURFACE WATER ACREAGE BY REGION



TOTAL = 1,537,538.2 ACRES

TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION SUMMARY

REGION	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL
	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES	
1-A	-----	--	----	1,670	10,788.0	1,835.7	38,772.0	49,560.0	
1-B	-----	--	----	9,987	46,659.7	2,639.9	69,454.0	116,113.7	
2	976,640.0	--	----	5,769	39,516.7	1,635.4	18,835.0	1,034,991.7	
3-A	-----	--	----	18,310	58,090.3	2,427.2	73,385.0	131,475.3	
3-B	-----	1	11,100.0	5,564	19,725.9	1,676.1	6,978.0	37,803.9	
4	-----	1	19,780.0	10,359	19,582.5	812.0	20,137.0	59,499.5	
5	-----	1	23,700.0	33,384	55,381.1	2,177.7	29,013.0	108,094.1	
Total	976,640.0	3	54,580.0	85,043	249,744.2	13,204.0	256,574.0	1,537,538.2	

TABLE 2a. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL ACRES
	Acres	No.	Acres	No.	Acres	Miles	Acres		
Boone				117	542.5	134.7	349.0		891.5
Carroll				148	4,927.7	175.3	9,521.0		14,448.7
DeKalb				178	607.2	249.8	617.0		1,224.2
JoDaviess				172	1,508.0	190.8	9,892.0		11,400.0
Lee				398	751.9	190.0	2,781.0		3,532.9
Ogle				157	289.4	200.5	3,072.0		3,361.4
Stephenson				137	268.3	152.1	839.0		1,107.3
Whiteside				153	829.9	321.2	8,610.0		9,439.9
Winnebago				210	1,063.1	221.3	3,091.0		4,154.1
Total	-----	--	----	1,670	10,768.0	1,835.7	38,772.0		49,560.0

TABLE 2b. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)										TOTAL	
COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		ACRES		
	Acres	No.	Acres	No.	Acres	Miles	Acres				
Bureau		255	2,219.4		280.2	1,464.0		3,683.4			
Fulton		2,709	11,985.1		310.2	3,122.0		15,107.1			
Henderson		297	1,026.3		131.0	12,110.0		13,136.3			
Henry		424	898.0		196.6	1,964.0		2,862.0			
Knox		1,594	2,364.6		176.3	577.0		2,941.6			
LaSalle		638	3,495.4		223.0	5,843.0		9,338.4			
Marshall		146	6,116.5		90.0	2,706.0		8,822.5			
McDonough		629	794.8		121.0	270.0		1,064.8			
Mercer		577	1,483.9		167.5	6,910.0		8,393.9			
Peoria		982	1,611.7		158.7	496.0		2,107.7			
Putnam		110	7,250.4		20.4	914.0		8,164.4			
Rock Island		317	782.5		237.9	15,912.0		16,694.5			
Stark		94	190.4		103.4	287.0		477.4			
Tazewell		471	4,212.0		186.0	3,340.0		7,552.0			
Warren		331	727.8		137.6	574.0		1,301.8			
Woodford		413	1,500.9		100.1	12,965.0		14,465.9			
Total	----	--	-----	9,987	46,659.7	2,639.9	69,454.0	116,113.7			

TABLE 2c. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)										
COUNTY	LAKE MICHIGAN Acres	RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL ACRES		
		No.	Acres	No.	Acres	Miles	Acres			
Cook	429,722.0			1,278	7,776.8	409.4	3,708.0	441,206.8		
DuPage				586	1,234.0	111.1	574.0	1,808.0		
Grundy				248	4,289.1	158.9	2,931.0	7,220.1		
Kane				490	821.9	194.9	1,534.0	2,355.9		
Kankakee				147	527.8	89.7	1,877.0	2,404.8		
Kendall				172	254.8	81.1	1,189.0	1,443.8		
Lake	546,918.0			995	13,787.0	221.5	1,025.0	561,730.0		
McHenry				798	4,086.4	157.9	1,183.0	5,269.4		
Will				1,055	6,738.9	210.9	4,814.0	11,552.9		
Total	976,640.0	--	----	5,769	39,516.7	1,635.4	18,835.0	1,034,991.7		

TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 3A - COUNTY SUMMARY

REGION 3A		(18 Counties)									
		LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	Acres	Acres	Acres	Acres
Adams					2,527	2,646.3	207.2	8,748.0	11,394.3		
Brown					1,038	1,032.9	86.7	328.0	1,360.9		
Calhoun					536	4,203.6	105.8	18,623.0	22,826.6		
Cass					502	4,513.5	104.0	2,743.0	7,256.5		
Christian					371	4,445.1	118.1	474.0	4,919.1		
Greene					1,272	1,147.6	119.6	4,469.0	5,616.6		
Hancock					1,219	776.7	211.6	13,443.0	14,219.7		
Jersey					992	2,149.9	91.8	6,518.0	8,667.9		
Logan					173	377.3	140.5	605.0	982.3		
Macoupin					2,749	4,363.9	139.7	320.0	4,683.9		
Mason					299	14,220.4	73.0	1,757.0	15,977.4		
Menard					307	452.8	89.3	785.0	1,237.8		
Montgomery					1,110	4,822.9	119.8	420.0	5,242.9		
Morgan					867	2,796.7	106.6	937.0	3,733.7		
Pike					1,970	2,670.1	245.9	9,457.0	12,127.1		
Sangamon					946	5,425.8	247.5	1,156.0	6,581.8		
Schuyler					995	1,456.7	106.6	401.0	1,857.7		
Scott					437	588.1	113.5	2,201.0	2,789.1		
Total					18,310	58,090.3	2,427.2	73,385.0	131,475.3		

TABLE 2e. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)											
COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL		
	Acres	No.	Acres	No.	Acres	Miles	Acres	Miles	Acres	ACRES	
Champaign				128	412.0	120.8		374.0		786.0	
Clark				1,144	1,732.3	89.0		651.0		2,383.3	
Coles				274	901.0	106.7		492.0		1,393.0	
Cumberland				795	693.4	110.3		268.0		961.4	
DeWitt				216	5,222.5	86.0		215.0		5,437.5	
Douglas				145	249.6	87.4		304.0		553.6	
Edgar				245	466.5	98.4		161.0		627.5	
Ford				89	185.6	40.5		106.0		291.6	
Iroquois				141	543.5	148.5		923.0		1,466.5	
Livingston				394	688.2	119.4		936.0		1,624.2	
Macon				173	3,346.8	95.5		326.0		3,672.8	
McLean				566	2,112.3	177.6		552.0		2,664.3	
Moultrie	--	5,550.0		239	237.1	27.3		75.0		5,862.1	
Piatt				79	172.3	73.4		274.0		446.3	
Shelby	1	5,550.0		681	893.5	131.1		318.0		6,761.5	
Vermilion				255	1,869.3	164.2		1,003.0		2,872.3	
Total	----	1	11,100.0	5,564	19,725.9	1,676.1		6,978.0		37,803.9	

TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 4 - COUNTY SUMMARY

REGION 4		(7 Counties)																	
		LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS											
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres											TOTAL	ACRES
Bond		--	850.0	1,299	2,046.9	58.1	247.0											3,143.9	
Clinton		1	18,930.0	946	802.5	141.4	744.0											20,476.5	
Madison				2,171	6,436.8	166.9	5,145.0											11,581.8	
Monroe				1,583	1,912.9	103.6	5,159.0											7,071.9	
Randolph				1,326	2,853.9	141.8	6,044.0											8,897.9	
St. Clair				1,553	3,833.0	123.6	2,277.0											6,110.0	
Washington				1,481	1,696.5	76.6	521.0											2,217.5	
Total	----	1	19,780.0	10,359	19,582.5	812.0	20,137.0											59,499.5	

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)									
COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL
	Acres	No.	Acres	No.	Acres	Miles	Acres	Acres	
Alexander				375	2,301.8	127.7	7,599.0	9,900.8	
Clay				1,121	836.5	143.7	430.0	1,266.5	
Crawford				1,276	951.3	115.5	1,089.0	2,040.3	
Edwards				774	473.2	13.8	111.0	584.2	
Effingham				1,019	1,272.6	100.3	180.0	1,452.6	
Fayette	--	4,800.0		1,259	1,793.5	113.2	722.0	7,315.5	
Franklin	1	8,878.0		1,671	2,257.5	58.0	252.0	11,387.5	
Gallatin				446	639.1	60.5	1,273.0	1,912.1	
Hamilton				1,568	886.8	67.5	181.0	1,067.8	
Hardin				496	423.7	23.1	102.0	525.7	
Jackson				1,511	5,017.2	132.6	4,127.0	9,144.2	
Jasper				1,278	2,621.6	103.4	727.0	3,348.6	
Jefferson	--	10,022.0		2,312	1,546.1	62.0	147.0	11,715.1	
Johnson				1,755	2,942.3	104.5	216.0	3,158.3	

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1985).

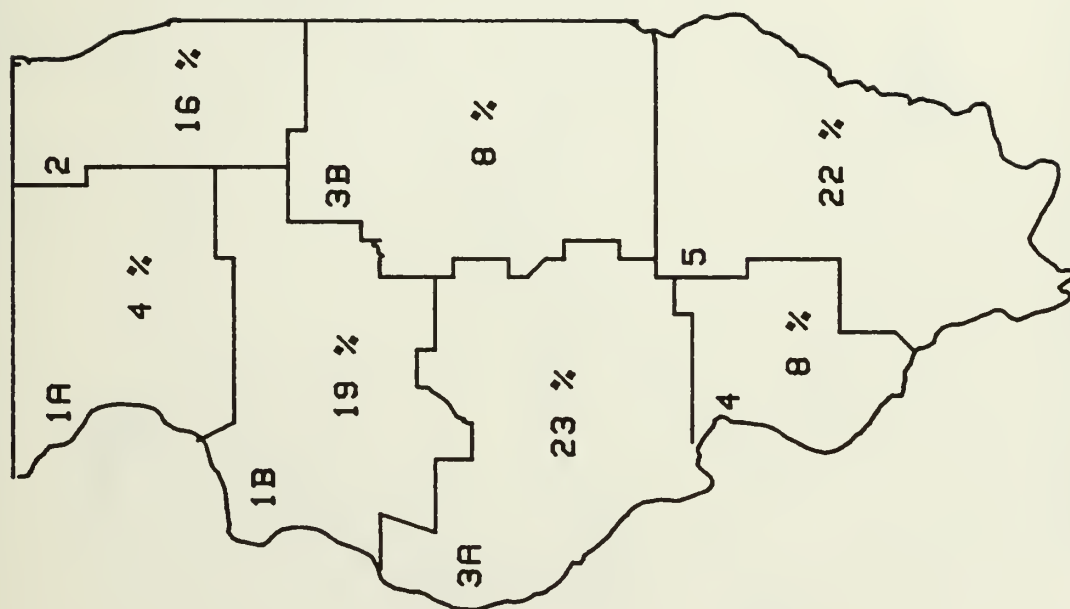
REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties) - continued

COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL ACRES
	Acres	No.	Acres	No.	Acres	Miles	Acres		
Lawrence		751		692.5		94.3	1,494.0		2,186.5
Marion		1,765		3,085.0		64.3	125.0		3,210.0
Massac		924		1,283.9		20.0	86.0		1,369.9
Perry		1,478		2,173.7		80.1	205.0		2,378.7
Pope		1,033		894.3		78.3	196.0		1,090.3
Pulaski		798		604.5		25.4	107.0		711.5
Richland		905		1,898.9		42.6	144.0		2,042.9
Saline		1,248		2,371.6		83.5	252.0		2,623.6
Union		1,991		3,092.9		65.3	3,014.0		6,106.9
Wabash		498		340.7		76.3	2,259.0		2,599.7
Wayne		2,204		1,570.6		112.0	422.0		1,992.6
White		930		980.1		133.8	3,274.0		4,254.1
Williamson		1,998		12,429.2		76.0	279.0		12,708.2
Total	-----	1	23,700.0	33,384	55,381.1	2,177.7	29,013.0		108,094.1

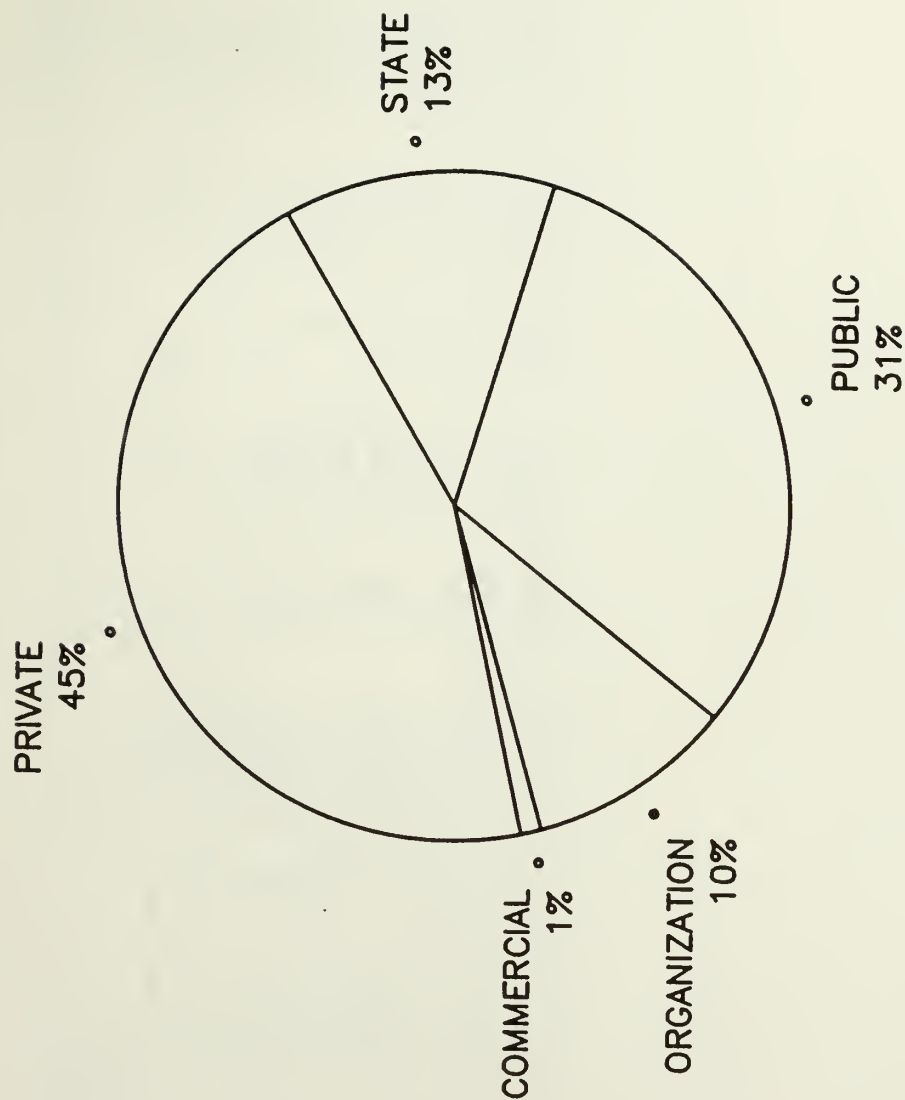
REGIONAL AND COUNTY SUMMARY
OF IMPOUNDMENTS
BY OWNERSHIP CATEGORY

FIG.3 IMPOUNDMENT ACREAGE BY REGION



TOTAL = 249,744.2 ACRES

FIG. 4. IMPOUNDMENT ACREAGE BY OWNERSHIP CATEGORY



TOTAL=249,744.2 ACRES

TABLE 3. Number and Acres of Impoundments by Ownership Category (1985).

REGION SUMMARY

Region	State			Public			Organization			Commercial			Private			Total		
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1-A	12	635.7	26	4,896.8	58	2,301.7	21	217.6	1,553	2,736.2	1,670	10,788.0						
1-B	27	10,628.4	45	9,236.3	401	4,083.1	64	645.7	9,450	22,066.2	9,987	46,659.7						
2	51	2,685.5	268	11,582.5	927	11,586.0	91	376.3	4,432	13,286.4	5,769	39,516.7						
3-A	25	4,535.9	98	23,114.4	134	2,220.5	97	591.7	17,956	27,627.8	18,310	58,090.3						
3-B	44	5,598.0	90	7,426.6	175	1,246.5	37	170.5	5,218	5,284.3	5,564	19,725.9						
4	7	2,721.3	30	1,655.9	171	1,525.1	122	707.4	10,029	12,972.8	10,359	19,582.5						
5	64	6,529.7	101	19,761.2	122	1,895.4	75	336.0	33,022	26,858.8	33,384	55,381.1						
Total	230	33,334.5	658	77,673.7	1,988	24,858.3	507	3,045.2	81,660	110,832.5	85,043	249,744.2						

TABLE 3a. Number and Acres of Impoundments by Ownership Category (1985).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

County	State		Public		Organization		Commercial		Private		Total	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Boone	0	0.0	2	2.4	6	425.6	1	1.0	108	113.5	117	542.5
Carroll	1	1.0	3	3,950.0	1	600.0	1	8.6	142	368.1	148	4,927.7
DeKalb	1	320.0	1	3.8	8	28.0	5	38.7	163	216.7	178	607.2
JoDaviess	0	0.0	4	503.0	3	621.0	0	0.0	165	384.0	172	1,508.0
Lee	0	0.0	0	0.0	5	88.5	6	57.4	397	606.0	398	751.9
Ogle	0	0.0	0	0.0	7	79.0	2	24.0	148	186.4	157	289.4
Stephenson	1	43.4	2	4.0	2	10.0	0	0.0	132	210.9	137	268.3
Whiteside	6	107.6	4	367.5	4	41.5	2	15.5	137	297.8	153	829.9
Winnebago	3	163.7	10	66.1	22	408.1	4	72.4	171	352.8	210	1,063.1
Total	12	635.7	26	4,896.8	58	2,301.7	21	217.6	1,553	2,736.2	1,670	10,788.0

TABLE 3b. Number and Acres of Impoundments by Ownership Category (1985).

REGION 18 - COUNTY SUMMARY

REGION 18 (16 Counties)

County	State			Public			Organization			Commercial			Private			Total		
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Bureau	4	564.0	1	724.5	16	223.2	0	0.0	234	707.7	255	2,219.4						
Fulton	2	2,746.8	7	295.4	131	771.6	18	523.1	2,551	7,648.2	2,709	11,985.1						
Henderson	1	27.0	2	144.7	1	375.0	0	0.0	293	479.6	297	1,026.3						
Henry	8	67.5	2	6.5	45	212.7	0	0.0	369	611.3	424	898.0						
Knox	0	0.0	1	132.5	114	577.0	1	19.5	1,478	1,635.6	1,594	2,364.6						
LaSalle	0	0.0	2	70.2	13	397.2	4	11.0	619	3,017.0	638	3,495.4						
Marshall	3	3,869.0	0	0.0	5	254.5	0	0.0	138	1,993.0	146	6,116.5						
McDonough	1	95.1	4	285.9	3	7.3	3	5.0	618	401.5	629	794.8						
Mercer	0	0.0	3	627.0	3	190.0	4	38.0	567	628.9	577	1,483.9						
Peoria	0	0.0	5	35.1	25	154.6	6	7.7	946	1,414.3	982	1,611.7						
Putnam	0	0.0	5	6,669.0	4	130.5	4	0.8	97	450.1	110	7,250.4						
Rock Island	0	0.0	5	171.4	1	55.0	8	12.4	303	543.7	317	782.5						
Stark	0	0.0	0	0.0	1	25.0	0	0.0	93	165.4	94	190.4						
Tazewell	8	3,259.0	6	30.5	30	352.2	7	15.4	420	554.9	471	4,212.0						
Warren	0	0.0	1	13.6	3	322.9	0	0.0	327	391.3	331	727.8						
Woodford	0	0.0	1	30.0	6	34.4	9	12.8	397	1,423.7	413	1,500.9						
Total	27	10,628.4	45	9,236.3	401	4,083.1	64	645.7	9,450	22,066.2	9,987	46,659.7						

TABLE 3c. Number and Acres of Impoundments by Ownership Category (1985).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

County	State		Public		Organization		Commercial		Private		Total	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Cook	4	434.2	128	4,607.0	292	1,258.6	11	36.5	843	1,440.5	1,278	7,776.8
DuPage	0	0.0	61	329.0	158	497.8	9	13.1	358	394.1	586	1,234.0
Grund	12	1,974.5	0	0.0	89	850.1	2	60.0	145	1,404.5	248	4,289.1
Kane	0	0.0	8	69.6	63	281.4	44	36.2	375	434.7	490	821.9
Kankakee	0	0.0	2	9.5	11	138.6	5	27.5	129	352.2	147	527.8
Kendall	10	26.3	2	3.9	12	48.8	0	0.0	148	175.8	172	254.8
Lake	15	84.7	54	6,223.8	127	5,029.3	4	28.6	795	2,420.6	995	13,787.0
McHenry	8	75.5	5	323.4	38	2,662.7	10	22.6	737	1,002.2	798	4,086.4
Will	2	90.3	8	16.3	137	818.7	6	151.8	902	5,661.8	1,055	6,738.9
Total	51	2,685.5	268	11,582.5	927	11,586.0	91	376.3	4,432	13,286.4	5,769	39,516.7

TABLE 3d. Number and Acres of Impoundments by Ownership Category (1985).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

County	State			Public			Organization			Commercial			Private			Total		
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Adams	1	58.0	7	30.6		8	92.0	5	98.5	2,506	2,367.2	2,527	2,367.2	2,527	2,367.2	2,527	2,367.2	2,646.3
Brown	0	0.0	1	26.1		0	0.0	3	4.5	1,034	1,002.3	1,038	1,002.3	1,038	1,002.3	1,038	1,002.3	1,032.9
Calhoun		0.0	10	2,943.1		18	638.4	0	0.0	508	622.1	536	622.1	536	622.1	536	622.1	4,203.6
Cass		600.0	2	627.0		11	32.0	2	4.0	487	3,250.5	502	3,250.5	502	3,250.5	502	3,250.5	4,513.5
Christian	3	2,551.1	10	1,402.1		5	70.0	7	73.4	346	348.5	371	348.5	371	348.5	371	348.5	4,445.1
Greene	0	0.0	5	103.7		8	18.5	2	7.7	1,257	1,017.7	1,272	1,017.7	1,272	1,017.7	1,272	1,017.7	1,147.6
Hancock	1	12.6	5	78.0		1	0.3	2	50.0	1,210	635.8	1,219	635.8	1,219	635.8	1,219	635.8	776.7
Jersey	0	0.0	8	1,369.1		4	34.8	15	59.8	965	686.2	992	686.2	992	686.2	992	686.2	2,149.9
Logan	0	0.0	0	0.0		7	121.8	10	81.9	156	173.6	173	173.6	173	173.6	173	173.6	377.3
Macoupin	1	56.6	14	1,439.6		26	403.4	23	121.7	2,685	2,342.6	2,749	2,342.6	2,749	2,342.6	2,749	2,342.6	4,363.9
Mason	17	1,103.3	5	5,947.5		2	52.9	1	0.5	274	7,116.2	299	7,116.2	299	7,116.2	299	7,116.2	14,220.4
Menard	0	0.0	3	2.2		4	208.2	0	0.0	300	242.4	307	242.4	307	242.4	307	242.4	452.8
Montgomery	0	0.0	6	2,740.3		10	50.3	6	12.0	1,088	2,020.3	1,110	2,020.3	1,110	2,020.3	1,110	2,020.3	4,822.9
Morgan	0	0.0	7	1,857.5		8	166.8	2	4.7	850	767.7	867	767.7	867	767.7	867	767.7	2,796.7
Pike	0	0.0	2	257.1		1	33.8	4	42.0	1,963	2,337.2	1,970	2,337.2	1,970	2,337.2	1,970	2,337.2	2,670.1
Sangamon	1	150.5	12	4,286.7		16	82.1	15	31.0	902	875.5	946	875.5	946	875.5	946	875.5	5,425.8
Schuyler	1	3.8	1	3.8		2	19.7	0	0.0	991	1,429.4	995	1,429.4	995	1,429.4	995	1,429.4	1,456.7
Scott	0	0.0	0	0.0		3	195.5	0	0.0	434	392.6	437	392.6	437	392.6	437	392.6	588.1
Total	25	4,535.9	98	23,114.4		134	2,220.5	97	591.7	17,956	27,627.8	18,310	27,627.8	18,310	27,627.8	18,310	27,627.8	58,090.3

TABLE 3e. Number and Acres of Impoundments by Ownership Category (1985).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

County	State			Public			Organization			Commercial			Private			Total		
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Champaign	0	0.0	11	134.1	15	106.4	5	22.0	97	149.5	128	412.0						
Clark	1	145.6	3	815.1	7	19.6	0	0.0	1,133	752.0	1,144	1,732.3						
Coles	2	17.6	5	627.0	1	3.0	0	0.0	266	253.4	274	901.0						
Cumberland	0	0.0	3	340.2	4	16.2	1	4.0	787	333.0	795	693.4						
DeWitt	2	5,029.4	4	14.5	10	19.7	3	5.0	197	153.9	216	5,222.5						
Douglas	1	58.7	0	0.0	3	46.3	0	0.0	141	144.6	145	249.6						
Edgar	0	0.0	2	219.5	3	9.0	0	0.0	240	238.0	245	466.5						
Ford	0	0.0	0	0.0	5	30.0	1	5.0	83	150.6	89	185.6						
Iroquois	0	0.0	1	1.0	10	270.3	4	41.0	126	231.2	141	543.5						
Livingston	0	0.0	3	9.1	4	8.0	5	21.6	382	649.5	394	688.2						
Macon	0	0.0	6	3,101.2	5	16.2	1	1.0	161	228.4	173	3,346.8						
McLean	1	158.0	5	1,347.7	13	77.8	8	52.3	539	476.5	566	2,112.3						
Moultrie	1	0.7	26	46.1	10	26.4	0	0.0	202	163.9	239	237.1						
Piatt	0	0.0	7	24.1	3	2.5	1	1.3	68	144.4	79	172.3						
Shelby	5	3.5	5	523.3	5	23.7	4	6.3	662	336.7	681	893.5						
Vermilion	31	184.5	9	223.7	77	571.4	4	11.0	134	878.7	255	1,869.3						
Total	44	5,598.0	90	7,426.6	175	1,246.5	37	170.5	5,218	5,284.3	5,564	19,725.9						

TABLE 3f. Number and Acres of Impoundments by Ownership Category (1985).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

County	State		Public		Organization		Commercial		Private		Total	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Bond	0	0.0	2	800.1	7	48.1	8	67.5	1,282	1,131.2	1,299	2,046.9
Clinton	0	0.0	0	0.0	8	31.5	1	4.5	937	766.5	946	802.5
Madison	0	0.0	9	583.5	43	837.6	26	108.0	2,093	4,907.7	2,171	6,436.8
Monroe	0	0.0	4	46.9	43	160.8	30	81.0	1,506	1,624.2	1,583	1,912.9
Randolph	3	1,351.3	3	94.5	9	67.6	9	105.0	1,302	1,235.5	1,326	2,853.9
St. Clair	3	1,122.0	8	56.2	57	350.2	40	280.5	1,445	2,024.1	1,553	3,833.0
Washington	1	248.0	4	74.7	4	29.3	8	60.9	1,464	1,283.6	1,481	1,696.5
Total	7	2,721.3	30	1,655.9	171	1,525.1	122	707.4	10,029	12,972.8	10,359	19,582.5

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1985).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

County	State			Public			Organization			Commercial			Private			Total		
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres		
Alexander	1	1,890.0	2	12.6	1	18.8	2	7.5	369	372.9	375	2,301.8						
Clay	0	0.0	2	11.4	6	116.4	0	0.0	1,113	708.7	1,121	836.5						
Crawford	0	0.0	1	5.5	7	51.3	0	0.0	1,268	894.5	1,276	951.3						
Edwards	0	0.0	4	44.2	3	27.4	0	0.0	767	401.6	774	473.2						
Effingham	0	0.0	2	606.0	4	15.6	6	43.0	1,007	608.0	1,019	1,272.6						
Fayette	5	50.9	5	761.1	4	25.4	3	22.5	1,242	933.6	1,259	1,793.5						
Franklin	1	0.4	15	805.9	7	164.9	3	42.5	1,645	1,243.8	1,671	2,257.5						
Gallatin	0	0.0	2	49.6	1	10.2	0	0.0	443	579.3	446	639.1						
Hamilton	1	71.3	2	78.1	0	0.0	3	10.6	1,562	726.8	1,568	886.8						
Hardin	0	0.0	2	15.0	0	0.0	35	30.1	459	378.6	496	423.7						
Jackson	5	154.5	3	2,894.1	13	429.8	2	6.5	1,488	1,532.3	1,511	5,017.2						
Jasper	2	1,880.0	0	0.0	4	24.5	0	0.0	1,272	717.1	1,278	2,621.6						
Jefferson	1	7.7	4	127.2	4	233.5	0	0.0	2,303	1,177.7	2,312	1,546.1						
Johnson	4	296.0	3	178.4	1	18.0	1	50.0	1,746	2,399.9	1,755	2,942.3						

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1985).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties) - continued

County	State			Public			Organization			Commercial			Private			Total		
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Lawrence	1	40.0	1	9.0	7	71.5	0	0.0	742	572.0	751	692.5						
Marion	5	529.6	7	1,521.8	12	165.6	2	14.0	1,739	854.0	1,765	3,085.0						
Massac	1	452.0	0	0.0	4	46.6	0	0.0	919	785.3	924	1,283.9						
Perry	25	134.7	2	348.0	6	39.3	0	0.0	1,445	1,651.7	1,478	2,173.7						
Pope	0	0.0	6	307.5	0	0.0	1	8.0	1,026	578.8	1,033	894.3						
Pulaski	0	0.0	1	4.6	1	3.4	7	30.0	789	566.5	798	604.5						
Richland	0	0.0	3	1,325.7	1	1.7	0	0.0	901	571.5	905	1,898.9						
Saline	1	105.0	13	435.8	4	45.8	5	21.0	1,225	1,764.0	1,248	2,371.6						
Union	10	723.6	5	1,025.0	2	5.9	0	0.0	1,974	1,338.4	1,991	3,092.9						
Wabash	0	0.0	1	1.0	3	113.8	0	0.0	494	225.9	498	340.7						
Wayne	1	194.0	2	14.3	5	51.8	0	0.0	2,196	1,310.5	2,204	1,570.6						
White	0	0.0	2	30.3	2	55.9	0	0.0	926	893.9	930	980.1						
Williamson	0	0.0	11	9,149.1	20	158.3	5	50.3	1,962	3,071.5	1,998	12,429.2						
Total	64	6,529.7	101	19,761.2	122	1,895.4	75	336.0	33,022	26,858.8	33,384	55,381.1						

NUMBER AND ACRES
OF IMPOUNDMENTS
BY SIZE CATEGORY

Table 4. Number and Acres of Impoundments by Size Categories (1985)

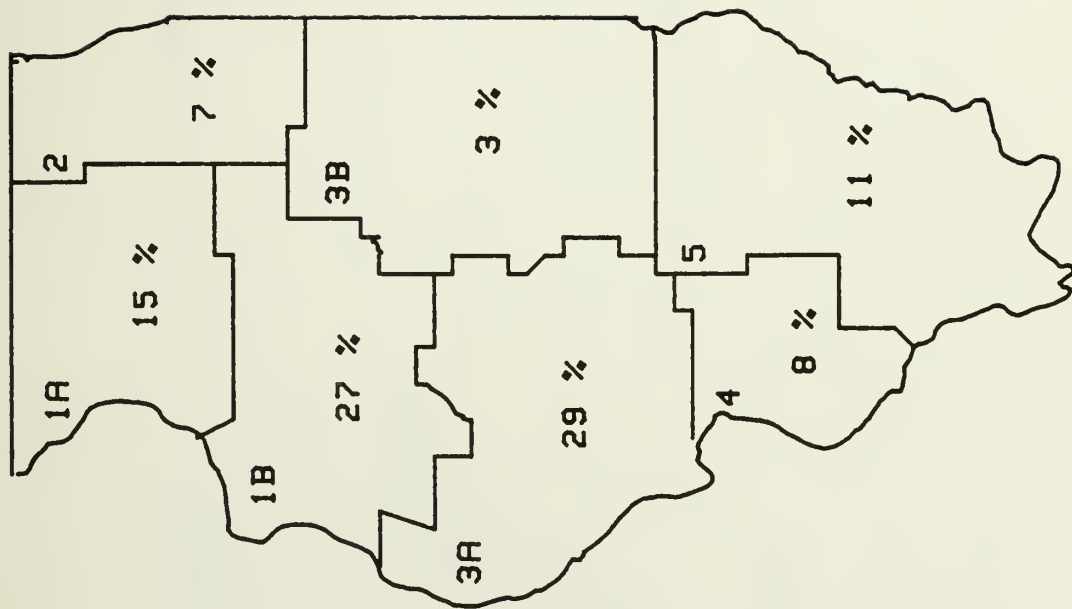
Size Categories Acres	Artificial		Natural	
	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43,069	9,762.7	1,526	386.9
0.5 to 0.9	19,156	12,123.2	838	581.7
1.0 to 5.9	16,338	31,527.3	1,192	2,995.2
6.0 to 10.9	1,054	8,147.7	202	1,639.7
11.0 to 40.9	885	16,460.3	307	6,292.9
41.0 to 100.9	156	9,182.9	90	5,624.7
101.0 to 500.9	78	16,201.6	78	16,361.3
501 plus	42	65,954.0	32	46,502.1
TOTAL	80,778	169,359.7	4,265	80,384.5
PERCENT	94.98%	67.81%	5.01%	32.19%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

Size Categories Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	44,595	52.44%	10,149.6	4.06%
0.5 to 0.9	19,994	23.51%	12,704.9	5.09%
1.0 to 5.9	17,530	20.61%	34,522.5	13.82%
6.0 to 10.9	1,256	1.48%	9,787.4	3.92%
11.0 to 40.9	1,192	1.40%	22,753.2	9.11%
41.0 to 100.9	246	0.29%	14,807.6	5.93%
101.0 to 500.9	156	0.18%	32,562.9	13.04%
501 plus	74	0.09%	112,456.1	45.03%
TOTAL	85,043	100.00%	249,744.2	100.00%
Small (0.1 to 5.9 acres)	82,119	96.56%	57,377.0	22.97%
Large (6.0 acres plus)	2,924	3.44%	192,367.2	77.03%

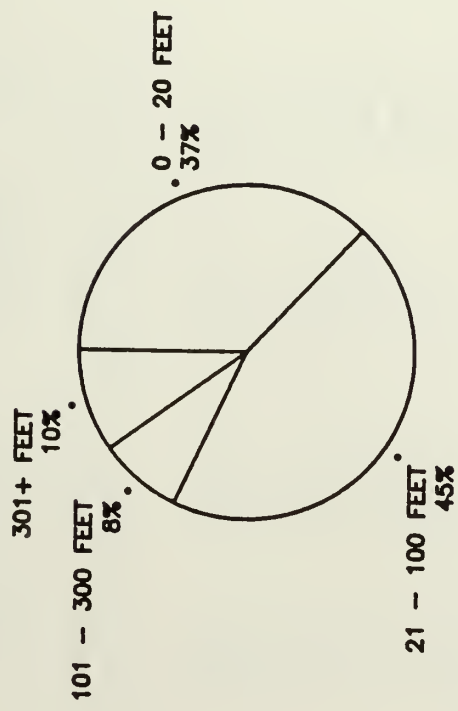
REGIONAL SUMMARY
OF STREAMS
BY WIDTH CATEGORY

FIG.5 STREAM ACREAGE BY REGION



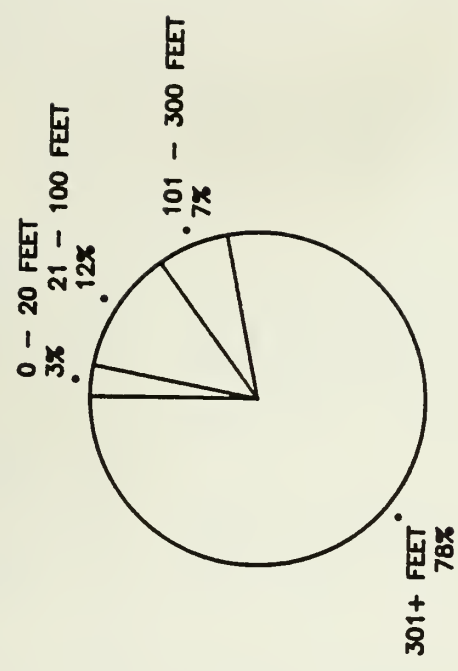
TOTAL = 256,574 ACRES

FIG. 6. MILES OF STREAMS
BY WIDTH CATEGORY



TOTAL = 13,204 MILES

FIG. 7. ACRES OF STREAMS
BY WIDTH CATEGORY



TOTAL = 256,574 ACRES

TABLE 5. Miles and Acres of Streams by Width Categories (1985)

REGION SUMMARY

0-20 ft. wide		21-100 ft. wide		101-300 ft. wide		301 plus ft. wide		Total		
Region	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres
1-A	894.9	1,304.0	635.5	3,417.0	104.8	1,518.0	200.5	32,533.0	1,835.7	38,772.0
1-B	808.9	1,140.0	1,355.8	7,106.0	151.7	2,123.0	323.5	59,085.0	2,639.9	69,454.0
2	725.6	1,057.0	556.6	3,030.0	206.1	5,115.0	147.1	9,633.0	1,635.4	18,835.0
3-A	922.9	1,381.0	1,052.2	5,129.0	157.0	2,940.0	295.1	63,935.0	2,427.2	73,385.0
3-B	730.5	1,065.0	829.3	4,116.0	95.8	1,315.0	20.5	482.0	1,676.1	6,978.0
4	133.2	193.0	466.0	2,037.0	102.0	2,163.0	110.8	15,744.0	812.0	20,137.0
5	699.4	1,019.0	1,021.1	5,049.0	175.0	2,579.0	282.2	20,366.0	2,177.7	29,013.0
Total	4,915.4	7,159.0	5,916.5	29,884.0	992.4	17,753.0	1,379.7	201,778.0	13,204.0	256,574.0

ALPHABETICAL LISTING BY COUNTY
OF SURFACE WATERS
BY WATER TYPES

TABLE 6. Alphabetical Listing by County of Surface Waters,
by Water Types (1985)

COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL ACRES
	Acres	No.	Acres	No.	Acres	Miles	Acres		
Adams				2,527	2,646.3	207.2	8,748.0	11,394.3	
Alexander				375	2,301.8	127.7	7,599.0	9,900.8	
Bond		---	850.0	1,299	2,046.9	58.1	247.0	3,143.9	
Boone				117	542.5	134.7	349.0	891.5	
Brown				1,038	1,032.9	86.7	328.0	1,360.9	
Bureau				255	2,219.4	280.2	1,464.0	3,683.4	
Calhoun				536	4,203.6	105.8	18,623.0	22,826.6	
Carroll				148	4,927.7	175.3	9,521.0	14,448.7	
Cass				502	4,513.5	104.0	2,743.0	7,256.5	
Champaign				128	412.0	120.8	374.0	786.0	
Christian				371	4,445.1	118.1	474.0	4,919.1	
Clark				1,144	1,732.3	89.0	651.0	2,383.3	
Clay				1,121	836.5	143.7	430.0	1,266.5	
Clinton		1	18,930.0	946	802.5	141.4	744.0	20,476.5	
Coles				274	901.0	106.7	492.0	1,393.0	
Cook	429,722.0			1,278	7,776.8	409.4	3,708.0	441,206.8	
Crawford				1,276	951.3	115.5	1,089.0	2,040.3	
Cumberland				795	693.4	110.3	268.0	961.4	
DeKalb				178	607.2	249.8	617.0	1,224.2	
DeWitt				216	5,222.5	86.0	215.0	5,437.5	
Douglas				145	249.6	87.4	304.0	553.6	
DuPage				586	1,234.0	111.1	574.0	1,808.0	
Edgar				245	466.5	98.4	161.0	627.5	
Edwards				774	473.2	13.8	111.0	584.2	
Effingham				1,019	1,272.6	100.3	180.0	1,452.6	
Fayette		---	4,800.0	1,259	1,793.5	113.2	722.0	7,315.5	
Ford				89	185.6	40.5	106.0	291.6	
Franklin		1	8,878.0	1,671	2,257.5	58.0	252.0	11,387.5	
Fulton				2,709	11,985.1	310.2	3,122.0	15,107.1	
Gallatin				446	639.1	60.5	1,273.0	1,912.1	

TABLE 6. Continued.

LAKE MICHIGAN							RESERVOIRS			IMPOUNDMENTS			STREAMS			TOTAL ACRES
COUNTY	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	Miles	Acres	Acres	Miles	Acres	Acres	
Greene							1,272	1,147.6	119.6	4,469.0	5,616.6					
Grundy							248	4,289.1	158.9	2,931.0	7,220.1					
Hamilton							1,568	886.8	67.5	181.0	1,067.8					
Hancock							1,219	776.7	211.6	13,443.0	14,219.7					
Hardin							496	423.7	23.1	102.0	525.7					
Henderson							297	1,026.3	131.0	12,110.0	13,136.3					
Henry							424	898.0	196.6	1,964.0	2,862.0					
Iroquois							141	543.5	148.5	923.0	1,466.5					
Jackson							1,511	5,017.2	132.6	4,127.0	9,144.2					
Jasper							1,278	2,621.6	103.4	727.0	3,348.6					
Jefferson							2,312	1,546.1	62.0	147.0	11,715.1					
Jersey							992	2,149.9	91.8	6,518.0	8,667.9					
JoDavies							172	1,508.0	190.8	9,892.0	11,400.0					
Johnson							1,755	2,942.3	104.5	216.0	3,158.3					
Kane							490	821.9	194.9	1,534.0	2,355.9					
Kankakee							147	527.8	89.7	1,877.0	2,404.8					
Kendall							172	254.8	81.1	1,189.0	1,443.8					
Knox							1,594	2,364.6	176.3	577.0	2,941.6					
Lake	546,918.0						995	13,787.0	221.5	1,025.0	561,730.0					
LaSalle							638	3,495.4	223.0	5,843.0	9,338.4					
Lawrence							751	692.5	94.3	1,494.0	2,186.5					
Lee							398	751.9	190.0	2,781.0	3,532.9					
Livingston							394	688.2	119.4	936.0	1,624.2					
Logan							173	377.3	140.5	605.0	982.3					
Macon							173	3,346.8	95.5	326.0	3,672.8					
Macoupin							2,749	4,363.9	139.7	320.0	4,683.9					
Madison							2,171	6,436.8	166.9	5,145.0	11,581.8					
Marion							1,765	3,085.0	64.3	125.0	3,210.0					
Marshall							146	6,116.5	90.0	2,706.0	8,822.5					
Mason							299	14,220.4	73.0	1,757.0	15,977.4					

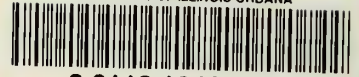
TABLE 6. Continued.

LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS		STREAMS		TOTAL
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
Massac		924		1,283.9		20.0	86.0	1,369.9
McDonough		629		794.8		121.0	270.0	1,064.8
McHenry		798		4,086.4		157.9	1,183.0	5,269.4
McLean		566		2,112.3		177.6	552.0	2,664.3
Menard		307		452.8		89.3	785.0	1,237.8
Mercer		577		1,483.9		167.5	6,910.0	8,393.9
Monroe		1,583		1,912.9		103.6	5,159.0	7,071.9
Montgomery		1,110		4,822.9		119.8	420.0	5,242.9
Morgan		867		2,796.7		106.6	937.0	3,733.7
Moultrie		239		237.1		27.3	75.0	5,862.1
Ogle		157		289.4		200.5	3,072.0	3,361.4
Peoria		982		1,611.7		158.7	496.0	2,107.7
Perry		1,478		2,173.7		80.1	205.0	2,378.7
Piatt		79		172.3		73.4	274.0	446.3
Pike		1,970		2,670.1		245.9	9,457.0	12,127.1
Pope		1,033		894.3		78.3	196.0	1,090.3
Pulaski		798		604.5		25.4	107.0	711.5
Putnam		110		7,250.4		20.4	914.0	8,164.4
Randolph		1,326		2,853.9		141.8	6,044.0	8,897.9
Richland		905		1,898.9		42.6	144.0	2,042.9
Rock Island		317		782.5		237.9	15,912.0	16,694.5
Saline		1,248		2,371.6		83.5	252.0	2,623.6
Sangamon		946		5,425.8		247.5	1,156.0	6,581.8
Schuyler		995		1,456.7		106.6	401.0	1,857.7
Scott		437		588.1		113.5	2,201.0	2,789.1
Shelby		681		893.5		131.1	318.0	6,761.5
Stark		94		190.4		103.4	287.0	477.4
St. Clair		1,553		3,833.0		123.6	2,277.0	6,110.0
Stephenson		137		268.3		152.1	839.0	1,107.3
Tazewell		471		4,212.0		186.0	3,340.0	7,552.0
		1	5,550.0					

TABLE 6. Continued.

COUNTY	LAKE MICHIGAN		RESERVOIRS		IMPOUNDMENTS			STREAMS		TOTAL
	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES		
Union		1,991		3,092.9		65.3	3,014.0	6,106.9		
Vermilion		255		1,869.3		164.2	1,003.0	2,872.3		
Wabash		498		340.7		76.3	2,259.0	2,599.7		
Warren		331		727.8		137.6	574.0	1,301.8		
Washington		1,481		1,696.5		76.6	521.0	2,217.5		
Wayne		2,204		1,570.6		112.0	422.0	1,992.6		
White		930		980.1		133.8	3,274.0	4,254.1		
Whiteside		153		829.9		321.2	8,610.0	9,439.9		
Will		1,055		6,738.9		210.9	4,814.0	11,552.9		
Williamson		1,998		12,429.2		76.0	279.0	12,708.2		
Winnebago		210		1,063.1		221.3	3,091.0	4,154.1		
Woodford		413		1,500.9		100.1	12,965.0	14,465.9		
State Total	976,640.0	3	54,580.0	85,043	249,744.2	13,204.0	256,574.0	1,537,538.2		

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